

What is claimed is:

1. A method for reducing colormap flashing on a display system, the display system having a frame buffer which provides a single hardware colormap, the method comprising the steps of:

5 intercepting a request from an application program for an allocation of a private colormap; and
transparently simulating the allocation of the private colormap using a default colormap.

2. The method of claim 1, wherein said step of transparently simulating the allocation of a private colormap further comprises:

allocating a secondary lookup table for storing information received from said application program relating to one or more requested colors
5 privately allocated by said application program;
performing a closest match of said requested color to a color stored in said default colormap; and
returning said closest match to said application program.

3. A computer program product, comprising:
a computer usable code storage medium;
computer readable code embodied in said storage medium for reducing colormap flashing on a display system, the display system having a
5 single hardware colormap, the computer readable code comprising:

computer readable code devices to cause a computer to effect intercepting a request from an application program for an allocation of a private colormap; and
computer readable code devices to cause a computer to effect
10 transparently simulating the allocation of the private colormap using a default colormap.

0054693.04100

4. The computer program product of claim 3, wherein said computer readable program code devices configured to cause a computer to effect transparently simulating the allocation of a private colormap further comprises:

5 computer readable code devices to cause a computer to effect allocating a secondary lookup table for storing information received from said application program relating to one or more requested colors privately allocated by said application program;

10 computer readable code devices to cause a computer to effect performing a closest match of said requested color to a color stored in said default colormap; and

computer readable code devices to cause a computer to effect returning said closest match to said application program.

ADD
A₁

ADD
B₂

001140" E6694560